

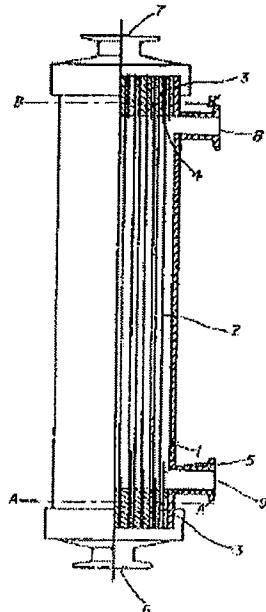
HOLLOW YARN TYPE MODULE

Publication number: JP61192309
Publication date: 1986-08-26
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Classification:
- **international:** B01D63/02; B01D63/02; (IPC1-7): B01D13/01
- **European:**
Application number: JP19850031542 19850221
Priority number(s): JP19850031542 19850221

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Abstract of JP61192309

PURPOSE: To make it possible to simply and efficiently remove a contaminant such as colloid, by embedding air sending pipes opened at both ends in hollow yarn bundles in a dispersed state so as to pierce through the lower adhered and fixed part of a hollow yarn type module. **CONSTITUTION:** Hollow yarn bundles comprising hollow yarns 2 each opened at the upper end thereof and closed at the lower end thereof are received in a housing 1 and a large number of air sending pipes 5 longer than a lower adhered and fixed part 3 and opened at both ends thereof are embedded in the hollow yarn bundles in a dispersed state so as to pierce through the lower adhered and fixed part 3. When the filtering efficiency of each hollow yarn is lowered by the adhesion of colloid to the outer wall of the hollow yarn during the filtering of raw water, the supply of raw water is stopped and gas or a gas-containing liquid is sent into the hollow yarns through the air sending pipes 5 and a contaminant such as colloid is released from the wall of each hollow yarn by sent-in gas to restore the activity of the hollow yarn. Because hollow yarns hold sufficient intervals by the isolation pipes 4 in an upper adhered and fixed part 3, the sent-in gas uniformly rises through the hollow yarn bundles to enhance removal capacity.



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